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United States Patent
Hotelling et al.

(10) **Number:** **US 7,663,607 C1**(45) **Certificate Issued:** **Oct. 8, 2014**(54) **MULTIPOINT TOUCHSCREEN**(75) Inventors: **Steve Hotelling**, San Jose, CA (US);
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Brian Q. Huppi, San Francisco, CA (US)(73) Assignee: **Apple Inc.**, Cupertino, CA (US)**Reexamination Request:**

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(51) **Int. Cl.**
G06F 3/041 (2006.01)(52) **U.S. Cl.**USPC **345/173**; 178/18.01; 345/174(58) **Field of Classification Search**

None

See application file for complete search history.

(56) **References Cited**

To view the complete listing of prior art documents cited during the proceeding for Reexamination Control Number 90/012,935, please refer to the USPTO's public Patent Application Information Retrieval (PAIR) system under the Display References tab.

Primary Examiner — Deandra Hughes(57) **ABSTRACT**

A touch panel having a transparent capacitive sensing medium configured to detect multiple touches or near touches that occur at the same time and at distinct locations in the plane of the touch panel and to produce distinct signals representative of the location of the touches on the plane of the touch panel for each of the multiple touches is disclosed.

